

NATURAL RESOURCES CONSERVATION SERVICE
MONTANA CONSERVATION PRACTICE JOB SHEET

PRESCRIBED FORESTRY (ACRE)

CODE 409



Definition

Manage forested areas for forest health, wood and/or fiber, water, recreation, aesthetics, wildlife habitat and plant biodiversity.

Purpose

Prescribed forestry is used to provide forage for livestock and the production of wood products, to improve forest health, to enhance water quality and quantity, to protect soil quality and condition, improve forest productivity, to enhance wildlife habitat, improve plant diversity, and improve aesthetic and recreational values.

Where used

Situation where prescribed forestry applies includes:

- 1) On all forest land;
- 2) On land capable and suited to growing trees.

Resource Management System

Prescribed forestry is normally established concurrently with forest stand improvement, prescribed grazing, tree/shrub establishment, forest trails and landings, and other practices as part of a resource management system for a conservation management unit. A forest

prescription shall be developed. It shall consist of planned activities that achieve the intended purpose(s). It shall address the owner's objectives as well as perpetuate a sustainable forest ecosystem.

A forest prescription is an element of a forest management plan which is a component of a more comprehensive conservation plan. It shall recognize and be compatible with other requirements of the conservation plan.

The prescription should include:

- 1) An inventory of the existing forest condition, and
- 2) Description of desired forest condition.

The prescription shall be developed for a minimum management period of 10 years.

The following components shall be included in the forest management plan:

- Statement of landowner's goals and objectives. Identify why the practice is needed and feasible.
- An environmental assessment of the planned management activities, including regeneration/harvest strategies and guidelines for addressing the potential impacts on soil, water, air, plant, animal and human resources.
- An alternatives narrative that identifies and describes several methods that could be used to address the resource issue. Also identifying the landowners selected method.
- Description of ecological and silvicultural systems and rationale for selection of silvicultural system.
- Inventory of the existing forest condition and a description of desired forest condition.
- Location of roads, property boundaries, protected areas.
- Maps of forest and soil types. Map of site with location of practice on the map.
- The Montana Prescribed Forestry practice job sheet.
- Operation and maintenance instructions.

Operation and Maintenance

The following actions shall be carried out to insure that this practice functions as intended throughout its expected life. These actions include normal repetitive activities in the application and use of the practice (operation), and repair and upkeep of the practice (maintenance):

- Minimize resource damage during operation.
- Conduct periodic inspections during and after treatment activities to ensure that the purposes are achieved.
- Perform post harvest and/or activity inspection.
- Monitor and evaluate the current prescriptions.
- Annually summarize the forest management activities taken.
- Annually describe the condition of the forest (stand composition and structure), including regeneration, observed changes in flora and fauna (habitat conditions), and other impacts of harvesting and other operations.
- Annually record the yield for all forest products harvested.
- Damaging pests will be monitored and controlled.
- Maintaining the planting in a vigorous growing condition will aid in control of damaging pests. Early detection and application of control measures can often prevent extensive damage.
- Monitor disease and storm damage.

Specifications

Site-specific requirements are listed on the specifications sheet. Additional provisions are entered on the job sheet. Specifications are prepared in accordance with the NRCS Field Office Technical Guide, practice standard Prescribed Forestry – Code 409.

Prescribed Forestry – Job Sheet

LANDOWNER	FIELD / MANAGEMENT UNIT	DATE
LEGAL DESCRIPTION	CONTRACT ITEM NUMBER	AREA (ACRES)
	JOB CLASS	

Purpose (check all that apply)	
<input type="checkbox"/> Maintain or improve forest health	<input type="checkbox"/> Maintain or improve plant diversity
<input type="checkbox"/> Protect soil quality and condition	<input type="checkbox"/> Improve aesthetic and recreational values
<input type="checkbox"/> Maintain or enhance water quality and quantity	<input type="checkbox"/> Improve wildlife habitat
<input type="checkbox"/> Maintain or improve forest productivity	<input type="checkbox"/> Achieve or maintain a desired understory plant community for forest products, grazing and browsing

OBJECTIVES – LANDOWNER

RESOURCE CONCERN(S) – SWAPA + H

SOIL MAP UNITS

Prescribed Forestry – Job Sheet

Forest Prescription
Ecological Site or Forest Habitat Type:
Inventory Methods: <input type="checkbox"/> Zigzag <input type="checkbox"/> Fixed <input type="checkbox"/> Other
Forest Inventory and Summary Form (MT-ECS-1) Attached: <input type="checkbox"/> Yes <input type="checkbox"/> No
Forest Condition: Existing:
Desired Forest Condition:
Prescription - Planned Activities (minimum management period 10 years):

ALTERNATIVES – USED TO ADDRESS RESOURCE ISSUES

ECOLOGICAL AND SILVICULTURAL SYSTEMS – USED TO ADDRESS RESOURCE ISSUES

Prescribed Forestry – Job Sheet

Forest Management Plan – Component Check List	
1. Statement of landowner's goals and objectives. Identify why the practice is needed and feasible.	<input type="checkbox"/> Yes <input type="checkbox"/> No
2. An environmental assessment of the planned management activities, including regeneration/harvest strategies and guidelines for addressing the potential impacts on soil, water, air, plant, animal and human resources.	<input type="checkbox"/> Yes <input type="checkbox"/> No
3. An alternatives narrative that identifies and describes several methods that could be used to address the resource issue. Also identifying the landowners selected method.	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. Description of ecological and silvicultural systems and rationale for selection of silvicultural system.	<input type="checkbox"/> Yes <input type="checkbox"/> No
5. Inventory of the existing forest condition and a description of desired forest condition.	<input type="checkbox"/> Yes <input type="checkbox"/> No
6. Location of roads, property boundaries, protected areas.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7. Maps of forest and soil types. Map of site with location of practice on the map.	<input type="checkbox"/> Yes <input type="checkbox"/> No
8. The Montana Prescribed Forestry practice job sheet.	<input type="checkbox"/> Yes <input type="checkbox"/> No
9. Operations and maintenance instructions.	<input type="checkbox"/> Yes <input type="checkbox"/> No

ADDITIONAL NOTES

ATTACHED SPECIFICATIONS

Forest Stand Improvement – Code 666	<input type="checkbox"/> YES	<input type="checkbox"/> NO
Tree/Shrub Establishment – Code 612	<input type="checkbox"/> YES	<input type="checkbox"/> NO
Tree/Shrub Pruning – Code 660	<input type="checkbox"/> YES	<input type="checkbox"/> NO
Prescribed Grazing – Code 528	<input type="checkbox"/> YES	<input type="checkbox"/> NO
Forest Trails and Landings – Code 655	<input type="checkbox"/> YES	<input type="checkbox"/> NO
Tree/Shrub Site Preparation – Code 490	<input type="checkbox"/> YES	<input type="checkbox"/> NO
Critical Area Planting – Code 342	<input type="checkbox"/> YES	<input type="checkbox"/> NO
Access Road – Code 560	<input type="checkbox"/> YES	<input type="checkbox"/> NO
Riparian Forest Buffer – Code 391	<input type="checkbox"/> YES	<input type="checkbox"/> NO
Restoration and Management of Declining Habitats – Code 643	<input type="checkbox"/> YES	<input type="checkbox"/> NO

Prescribed Forestry – Job Sheet

ATTACHED SPECIFICATIONS - CONTINUED

Upland Wildlife Habitat Management – Code 645	<input type="checkbox"/> YES	<input type="checkbox"/> NO
Wetland Wildlife Habitat Management – Code 644	<input type="checkbox"/> YES	<input type="checkbox"/> NO
Recreation Trail and Walkway – Code 568	<input type="checkbox"/> YES	<input type="checkbox"/> NO
Stream Habitat Improvement and Management – Code 395	<input type="checkbox"/> YES	<input type="checkbox"/> NO

OPERATIONS AND MAINTENANCE

- Minimize resource damage during operation.
- Conduct periodic inspections during and after treatment activities to ensure that the purposes are achieved.
- Perform post harvest and/or activity inspection.
- Monitor and evaluate the current prescriptions.
- Annually summarize the forest management activities taken.
- Annually describe the condition of the forest (stand composition and structure), including regeneration, observed changes in flora and fauna (habitat conditions), and other impacts of harvesting and other operations.
- Annually record the yield for all forest products harvested.
- Damaging pests will be monitored and controlled.
- Maintaining the planting in a vigorous growing condition will aid in control of damaging pests. Early detection and application of control measures can often prevent extensive damage.
- Monitor disease and storm damage.
- Annually review timetables, schedules and coordinate actions. Modify as needed.

Prescribed Forestry – Job Sheet

If needed, an aerial view or a side view of the practice can be shown below. Show location of roads, property boundaries, protected areas, management units identified, and other pertinent information. Complementary practices and additional specifications may be included.

Scale 1" = _____ ft. (NA indicates sketch not to scale: grid size = 1/2" by 1/2")

Attached Plan Map: ☐ YES ☐ NO

Approvals:

NRCS Conservationist

JOB APPROVAL AUTHORITY

Date

Producer

Date

Prescribed Forestry – Job Sheet

Installation and Certification:

Conservation Management Unit or Field Number: _____

Acreage of Treated Area: _____ Adequate: _____

Forest Inventory and Summary Form (MT-ECS-1) Attached: _____ Adequate: _____

Forest Prescription Developed: _____ Adequate: _____

Specifications Attached: _____ Adequate: _____

CERTIFICATION STATEMENT:

I hereby certify that this practice has been installed in accordance with NRCS standards and specifications.

NRCS Conservationist

JOB APPROVAL AUTHORITY

Date

Date